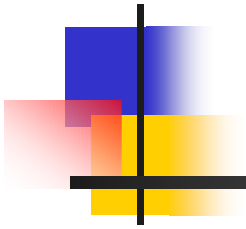


Air Program Update



Thomas Gross

May 31, 2005



Air Program Update

- Regulation Update
- Permit Streamlining
- Kansas City Ozone Status
- Public Outreach
- Blue Sky Highway



Regulations: Revised, Revoked

- Emission Inventory – K.A.R. 28-19-517, 546, 561, 562 and 563
- Class III Operating Permits – K.A.R. 28-19-575, 576, 577 and 578
- Sulfur Rule Revoked – K.A.R. 28-19-22
- New Source Review – K.A.R. 28-19-350
 - Adopt EPA by reference

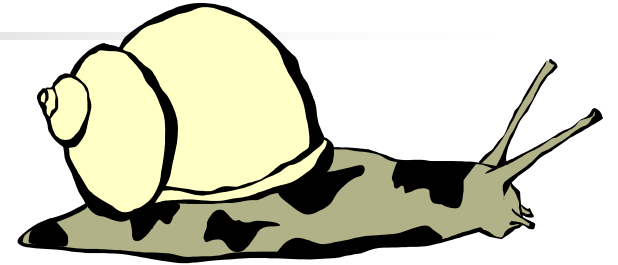


Regulations: Revised, Revoked

- MACT update – K.A.R. 28-19-750
- NSPS update - K.A.R. 28-19-720
- Transportation Conformity Rule Update
- K.A.R. 28-19-801



Air Permit Makeover



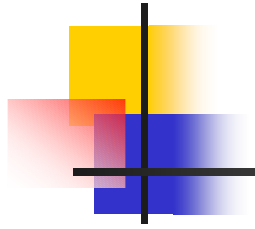
- Goals

- Update Kansas PSD program
- Alleviate permit backlog and construction delays
- Re-focus permit program on quality and environmental benefits
- Build more efficient permit system



Air Permit Makeover

- Update PSD Program
 - Adopt new 40 CFR 52.21 (PSD) regulation
 - Revise KAR 28-18-300 to accommodate PSD changes
 - Prepare new outreach initiative
- Alleviate Backlog and Delays
 - Eliminate construction delays for small source approvals
 - Reduce # of small/repetitive approvals
 - Standardize permitting process



Air Permit Makeover

- Re-focus on Environmental Protection
 - Spend more resources on complex major source permits
 - Reduce paperwork for lower emitting sources
- Build More Efficient System
 - Utilize combined construction/operating tools
 - Organize permit resources by industry/emission source categories
 - Establish emission thresholds for use in inventory, compliance, and permit decisions
 - Eliminate duplication in reporting requirements



Kansas City Ozone Status

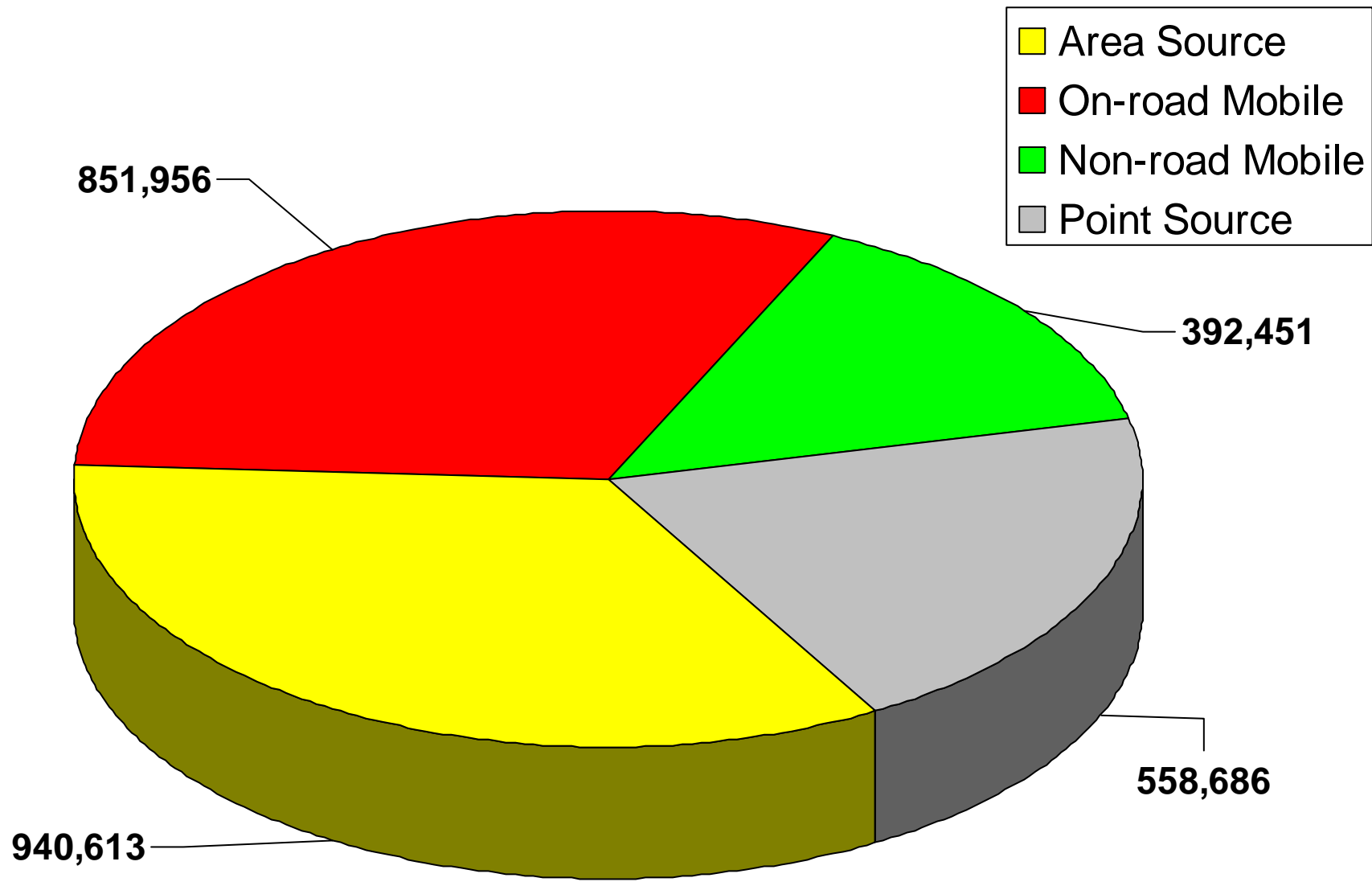
- 2004 ozone monitoring results great
- KC meets the 8-hour ozone standard
- EPA designated KC attainment for 8-hour standard on May 3rd
- Clean Air Action Plan complete
 - Voluntary emission reduction measures
 - Contingency measures
 - Funds to implement plan in jeopardy

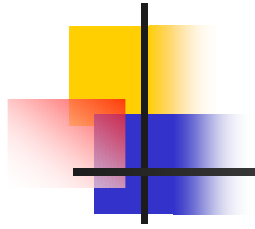


Kansas City Ozone Status

- 1-hour standard to be revoked in July
- KDHE will modify 1-hour SIP to address 8-hour standard
- 8-hour maintenance plan due June, 2007
 - Anti-backsliding provision of Clean Air Act
 - Emission inventory growth
 - Modeling
 - Stakeholder outreach
 - Contingency measures

2002 Total Emissions





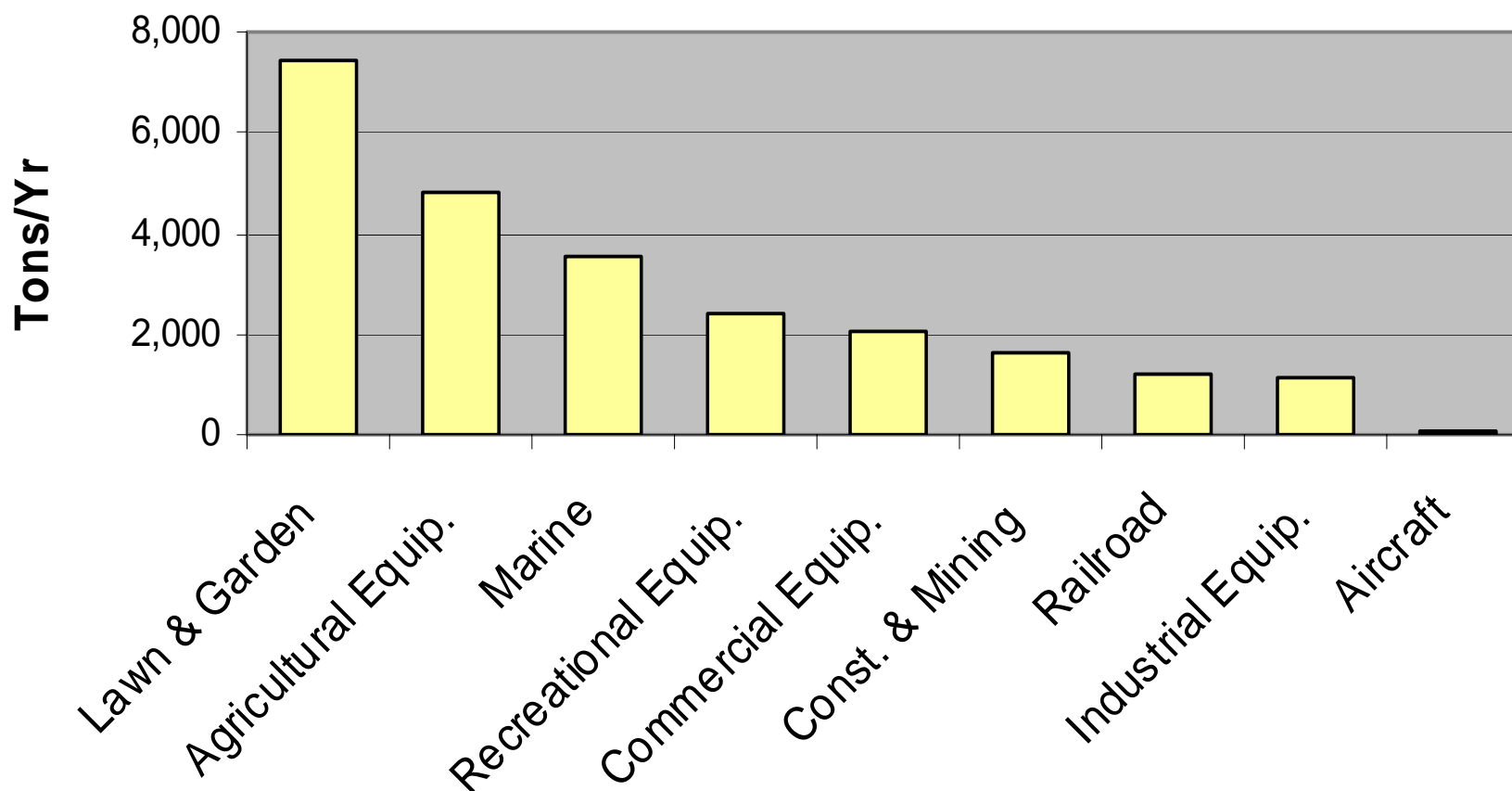
The Rest of the Pie



- Area, and mobile emissions are largest sectors
- Major gains to date have been point and mobile source emissions
- Area and mobile emissions are difficult to reduce.....but we must try
- Outreach programs with partners are key
- Example: Lawn and Garden Program

Why Lawn and Garden ?

NonRoad Mobile VOC Emissions





Lawn and Garden Outreach

- Goal
 - Build awareness and interest
 - Motivate behavior change
 - Action
- Target Audience
 - General public
 - Manufacturers/Retailers
 - Government agencies



Lawn and Garden Outreach

- General Public Programs
 - Lawnmower exchange
 - Gas can replacement
 - Posters / Promotional Items
 - Master gardeners
 - Citizen award
 - Advertising





Lawn and Garden Outreach

- Retail Programs
 - Air friendly product identification
 - Preferential product pricing
 - Preferential product display
 - Host mower, gas can, exchange programs
 - Retail recognition program



Lawn and Garden Outreach

- Industry
 - Product development
 - Workshops
- Government
 - Workshops
 - Implement best management practices at parks, golf courses, roadsides
 - Use contracts to leverage best management practices

Blue Sky Highway



Clean Fuels, Clean Highways, Clean Air

PROGRAM

TEXAS  10 LOUISIANA  20 OKLAHOMA  30 ARKANSAS  40 MISSOURI

KANSAS  70 NEBRASKA  80 IOWA  90 MINNESOTA



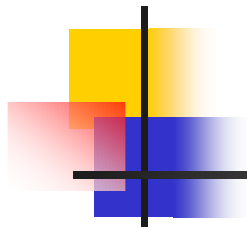
Blue Sky Highway

- Nine state cooperative effort
- TX, OK, KS, NE, MN, IA, MO, AK, LA
- Reduce mobile emissions along I-35
- VOC, NO_x, SO_x and particulate matter targeted
- Cooperate and coordinate with existing programs



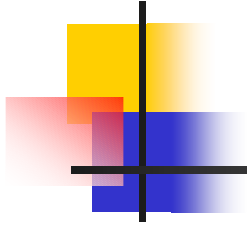
Blue Sky Highway

- Examples of Mobile Emission Programs
 - Fuels
 - **Biodiesel**
 - Ethanol
 - Low sulfur diesel
 - Idle reduction
 - **Diesel Retrofits**
 - Trip reduction
 - Airport ground transportation
 - Mass transit



Blue Sky Highway

- Progress so far
 - List of mobile source emission reduction strategies implemented or planned in region
 - Criteria for recognition program
 - Library of information/contacts
 - Logo



QUESTIONS???